

ABSTRACT OF THE DISCLOSURE

A high-resolution still picture decoding device is disclosed, which has a memory device, an image decoder, and a decoding controller. The memory device has a bit-stream buffer, a frame buffer and a temporary buffer. The image decoder and decoding controller decode the bit-stream data in the bit-stream buffer and store the decoded data in the frame buffer or temporary buffer. When a still picture is to be displayed, the frame buffer stores part of the frame data corresponding to the still picture and the temporary buffer is provided to store the other frame data which is decoded in real time as the still picture is displayed. The data in the frame buffer and temporary buffer is output for displaying a high-resolution still picture.